System Requirements

SuccessMaker 6 Hosted

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1 Overview

Based on current hardware and software technologies, Pearson has determined that the system requirements listed in this document will deliver acceptable operation and performance for the SuccessMaker 6 Hosted product.

Your site's actual performance may vary due to the following:

- Available network bandwidth
- Client security configuration
- Number of concurrent users
- Total student population
- Courseware usage
- Other variables

System requirements change due to rapid advances and changes in technology, as well as product enhancements. If you have questions regarding the suitability of your specific computing environment, contact your Pearson Sales Representative.

Because system requirements are subject to change, always review the latest system requirements at: support.pearsonschool.com

For more information about Digital Learning Solutions, go to: pearsonschool.com/digital

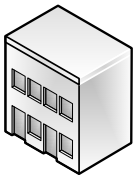
These specifications are intended strictly as a guideline. They were developed in an environment free from network congestion, resource contention, and aggressive security measures.

Consider the minimum requirements applicable only if your workstations use a minimally configured and supported operating system, a minimally configured virus scanner, and only this Pearson application.

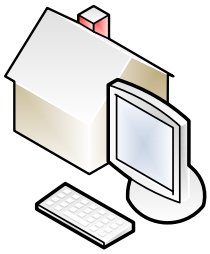
Figure Diagram Legend

Use this legend to identify product components, network, server, client, and location.

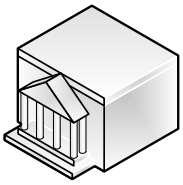
- - - - - - Client Station at School



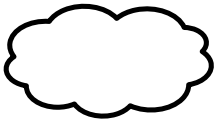
- - - - - - School Building



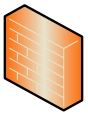
- - - - - - Client Station at Home



- - - - - - District Building



- - - - - Internet/Cloud



- - - - - - - - Firewall

- - - - - - - - Terminal Adapter

- - - - - - - - X-Series (PCI Card)

2

Windows Clients

Windows Clients	
Operating System: • * Windows XP (32-bit / 64-bit) *NEW: See Windows XP note.* • Windows Vista (32-bit / 64-bit) • Windows 7 (32-bit / 64-bit) • ** Windows 8 (32-bit / 64-bit) *** Hardware is based on the operating system manufacturer's system requirements.	
Hardware: • Designed for 1024x768 resolution • **** Any speakers or stereo headphones • **** Microphone with noise canceling	
Software: • Internet Explorer 8.x, 9.x, 10.x or 11.x (32-bit / 64-bit) • Firefox (32-bit) • Chrome (32-bit) • ****** Java Runtime Environment 1.6.24 – 1.6.45; 1.7.1 – 1.7.5; 1.7.7 – 1.7.65 (32-bit / 64-bit) • Adobe Reader (Teacher only) • Adobe Flash Player 11.1.x – 14.0.x (32-bit / 64-bit)	
Notes:	* Updates and support from Microsoft are no longer available for Windows XP as of April 8, 2014. ** Tablets are permitted using Windows 8, but not Windows RT. *** Microsoft requires only 1GB of RAM for a 32-bit operating system and 2GB of RAM for a 64-bit operating system. Pearson recommends having clients with at least 2GB of RAM for optimal performance. **** Any audio device, such as headphone, speaker, headset, etc., requires the manufacturer's audio driver. Using the Windows default audio driver will cause student performance issues during sessions. ***** Latest Java version recommendations can be reviewed in Knowledge Base article 3991.

3

Mac Clients

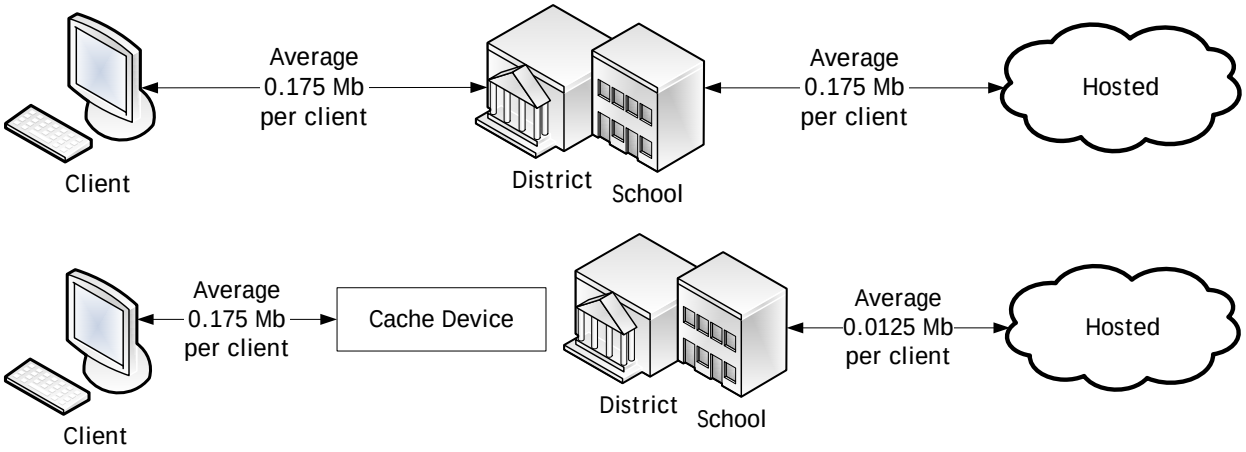
Mac Clients
Operating System: • Mac OS X 10.6.x (32-bit / 64-bit) • Mac OS X 10.7.x (64-bit) • Mac OS X 10.8.x (64-bit) Note: Hardware is based on the operating system manufacturer's system requirements.
Hardware: • Designed for 1024x768 resolution • Any speakers or stereo headphones • Microphone with noise canceling • Griffin iMic USB audio adapter
Software: • Safari 5.1.2 – 5.1.9; 6.0.x - 6.1.x (32-bit / 64-bit) • Firefox (32-bit) • Chrome (32-bit) - OS X 10.6.x only • ***** Apple Java Runtime Environment 1.6.24 – 1.6.65 (32-bit and 64-bit); or Oracle Java Runtime Enviroment 1.7.7 – 1.7.65 (64-bit) • Adobe Reader (Teacher only) • Adobe Flash Player 11.1.x – 14.0.x (32-bit / 64-bit)
***** Latest Java version recommendations can be reviewed in Knowledge Base article 3991.

4

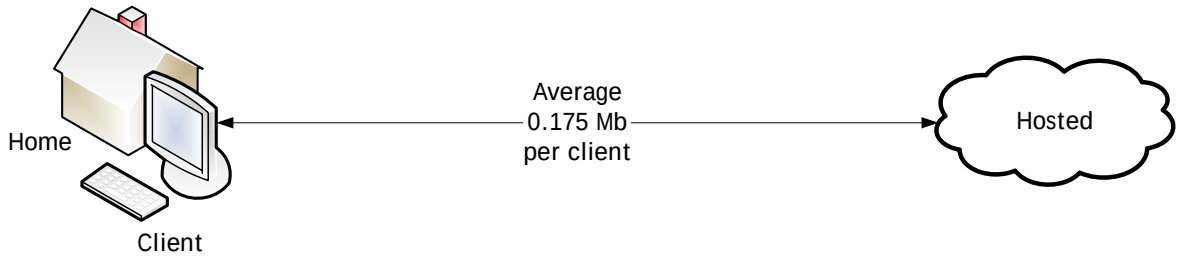
Network Bandwidth

Network Bandwidth Requirements

School or District Model



Home Model



Note: Requires 1.5 Mb/s (Megabit) Internet connection

Wireless

Spectrum:

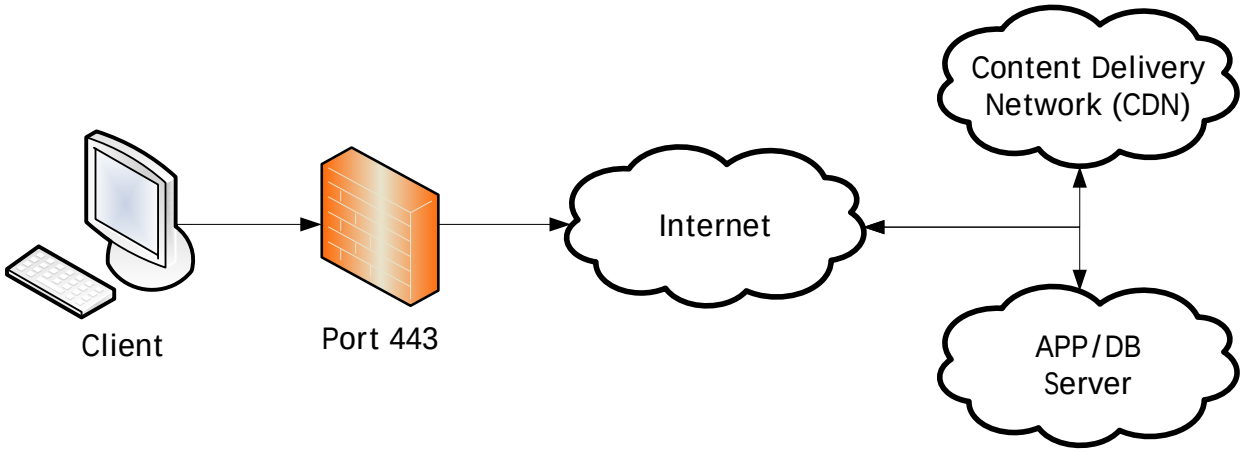
- 802.11A or 802.11N in 5 GHz spectrum
- In properly configured networks, wireless should be acceptable with 15 to 30 stations per access point.

Notes:

- Estimates are based on product traffic only, without overhead.
- Contact your Pearson Sales Engineer to determine the best implementation option.

5 Firewall Settings

Follow these guidelines for firewall settings.

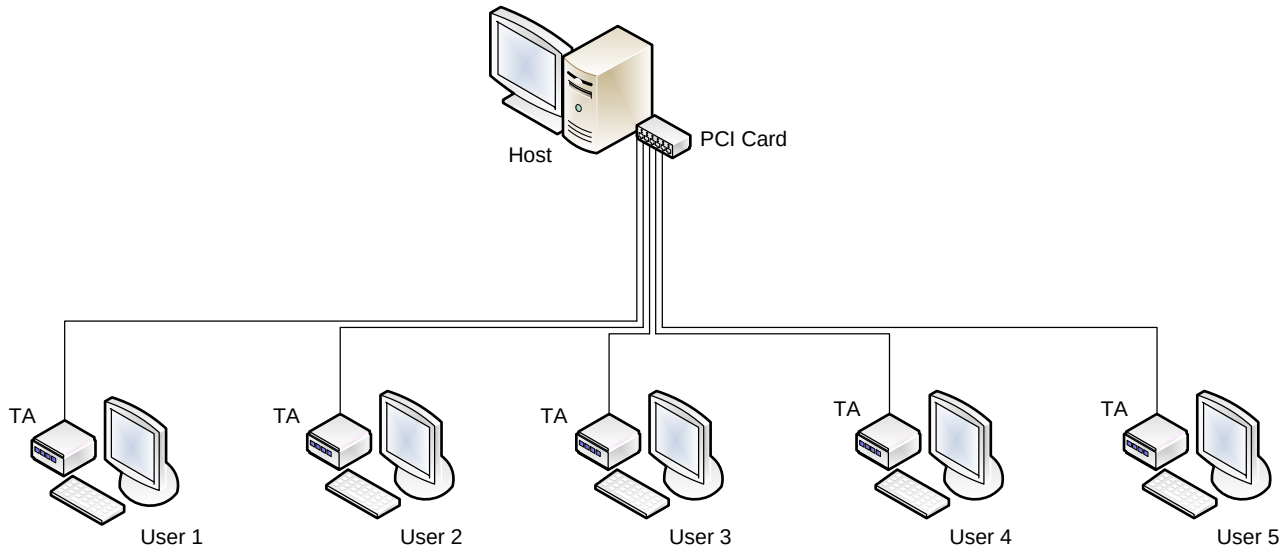


Content Filters
• Allow access to: **https://*.smhost.net** • Delivers all secure traffic over port 443.
Proxy servers should not alter the SSL packets.

6

NComputing Host

NComputing provides a software- and hardware-based solution that allows multiple students to have a Terminal Adapter (TA) with a monitor, keyboard, mouse, and audio, where all access a shared host (CPU, RAM, network, and hard drive).



X-Series

X550 PCI Card
Single X550 – Supports up to 5 concurrent clients + host
Operating System: • * Windows XP SP3 (32-bit) • Windows Server 2003 R2 SP2 (32-bit) • Windows Server 2008 R2 SP1 (64-bit) • ***** Windows 7 SP1 (32-bit / 64-bit) ***** Windows Server and appropriate client access licenses are required for multiuser environments using NComputing products. Client operating systems, such as Windows XP, Windows Vista, and Windows 7, are appropriate for single user applications such as 1:1 VDI, display systems, and remote access. Only Professional, Business, Enterprise, and Ultimate versions of client OS's are supported. Home versions are NOT supported. Additional information on licensing is available at www.ncomputing.com/mslicensing.
Hardware: • Single Intel Core 2 Duo 3.0 GHz processor • 3 GB of RAM (x86) / 6 GB of RAM (64-bit) • Single 1000 Mb/s Network Interface Card (NIC) • Single 7200 RPM SATA hard drive • Analog headset for each Terminal Adapter • USB headset for host
Software: • Windows Server CAL per NComputing Terminal Adapter • Windows RDP CAL per NComputing Terminal Adapter Note: Fluency is supported up to 6 TAs.